

# Permit to Operate

**FACILITY:** S-2076

**EXPIRATION DATE:** 06/30/200

**LEGAL OWNER OR OPERATOR:** RECOT INC

**MAILING ADDRESS:** 22801 HIGHWAY 58  
BAKERSFIELD, CA 93312

**FACILITY LOCATION:** 22801 HIGHWAY 58  
BAKERSFIELD, CA 93312

**FACILITY DESCRIPTION:** SALTY SNACK FOODS

The Facility to Operate may include Facility-wide Requirements as well as requirements that apply to specific permit units.

The Permit to Operate remains valid through the permit expiration date listed above, subject to payment of annual permit fees and compliance with permit conditions and all applicable local, state, and federal regulations. This permit is valid only at the location specified above, and becomes void upon any transfer of ownership or location. Any modification of the equipment or operation, as defined in District Rule 2201, will require prior District approval. This permit shall be posted as prescribed in District Rule 2010.

**DAVID L. CROW**

Executive Director / APCO

**Seyed Sadredin**

Director of Permit Services

**Initial TV Permit**

**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** S-2076-0-1

**EXPIRATION DATE:** 06/30/2004

**EQUIPMENT DESCRIPTION:**

## **PERMIT UNIT REQUIREMENTS**

1. The owner or operator shall notify the District of any breakdown condition as soon as reasonably possible, but no later than one hour after its detection, unless the owner or operator demonstrates to the District's satisfaction that the longer reporting period was necessary. [District Rule 1100, 6.1; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)]
2. The District shall be notified in writing within ten days following the correction of any breakdown condition. The breakdown notification shall include a description of the equipment malfunction or failure, the date and cause of the initial failure, the estimated emissions in excess of those allowed, and the methods utilized to restore normal operations. [District Rule 1100, 7.0; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)]
3. The owner or operator of any stationary source operation that emits more than 25 tons per year of nitrogen oxides or reactive organic compounds, shall provide the District annually with a written statement in such form and at such time as the District prescribes, showing actual emissions of nitrogen oxides and reactive organic compounds from that source. [District Rule 1160, 5.0]
4. Any person building, altering or replacing any operation, article, machine, equipment, or other contrivance, the use of which may cause the issuance of air contaminants or the use of which may eliminate, reduce, or control the issuance of air contaminants, shall first obtain an Authority to Construct (ATC) from the District unless exempted by District Rule 2020 (7/21/94). [District Rule 2010, 3.0 and 4.0; 2020; and County Rule 201 (in all eight counties in the San Joaquin Valley)]
5. The permittee must comply with all conditions of the permit including permit revisions originated by the District. All terms and conditions of a permit that are required pursuant to the Clean Air Act (CAA), including provisions to limit potential to emit, are enforceable by the EPA and Citizens under the CAA. Any permit noncompliance constitutes a violation of the CAA and the District Rules and Regulations, and is grounds for enforcement action, for permit termination, revocation, reopening and reissuance, or modification; or for denial of a permit renewal application. [District Rules 2070, 7.0; 2080; and 2520, 9.9.1 and 9.13.1]
6. A Permit to Operate or an Authority to Construct shall not be transferred unless a new application is filed with and approved by the District. [District Rule 2031]
7. Every application for a permit required under Rule 2010 (12/17/92) (Permits Required) shall be filed in a manner and form prescribed by the District. [District Rule 2040]
8. The operator shall maintain records of required monitoring that include: 1) the date, place, and time of sampling or measurement; 2) the date(s) analyses were performed; 3) the company or entity that performed the analysis; 4) the analytical techniques or methods used; 5) the results of such analysis; and 6) the operating conditions at the time of sampling or measurement. [District Rule 2520, 9.5.1]
9. The operator shall retain records of all required monitoring data and support information for a period of at least 5 years from the date of the monitoring sample, measurement, or report. Support information includes copies of all reports required by the permit and, for continuous monitoring instrumentation, all calibration and maintenance records and all original strip-chart recordings. [District Rule 2520, 9.5.2]
10. The operator shall submit reports of any required monitoring at least every six months unless a different frequency is required by an applicable requirement. All instances of deviations from permit requirements must be clearly identified in such reports. [District Rule 2520, 9.6.1]
11. Deviations from permit conditions must be promptly reported, including deviations attributable to upset conditions, as defined in the permit. For the purpose of this condition, promptly means as soon as reasonably possible, but no later than 10 days after detection. The report shall include the probable cause of such deviations, and any corrective actions or preventive measures taken. All required reports must be certified by a responsible official consistent with section 10.0 of District Rule 2520(6/15/95) [District Rules 2520, 9.6.2 and 1100, 7.0]
12. If for any reason a permit requirement or condition is being challenged for its constitutionality or validity by a court of competent jurisdiction, the outcome of such challenge shall not affect or invalidate the remainder of the conditions or requirements in that permit. [District Rule 2520, 9.8]
13. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit. [District Rule 2520, 9.9.2]

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14. The permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. [District Rule 2520, 9.9.3]
15. The permit does not convey any property rights of any sort, or any exclusive privilege. [District Rule 2520, 9.9.4]
16. The Permittee shall furnish to the District, within a reasonable time, any information that the District may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the District copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to EPA along with a claim of confidentiality. [District Rule 2520, 9.9.5]
17. The permittee shall pay annual permit fees and other applicable fees as prescribed in Regulation III of the District Rules and Regulations. [District Rule 2520, 9.10]
18. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to enter the permittee's premises where a permitted source is located or emissions related activity is conducted, or where records must be kept under condition of the permit. [District Rule 2520, 9.14.2.1]
19. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. [District Rule 2520, 9.14.2.2]
20. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to inspect at reasonable times any facilities, equipment, practices, or operations regulated or required under the permit. [District Rule 2520, 9.14.2.3]
21. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [District Rule 2520, 9.14.2.4]
22. No air contaminants shall be discharged into the atmosphere for a period or periods aggregating more than 3 minutes in any one hour which is as dark or darker than Ringelmann #1 or equivalent to 20% opacity and greater, unless specifically exempted by District Rule 4101 (12/17/92), by using EPA method 9. If the equipment or operation is subject to a more stringent visible emission standard as prescribed in a permit condition, the more stringent visible emission limit shall supersede this condition. [District Rule 4101, and County Rules 401 (in all eight counties in the San Joaquin Valley)]
23. No person shall supply, sell, solicit or apply any architectural coating, except specialty coatings, that contains more than 250 grams of VOC per liter of coating (less water and exempt compounds, and excluding any colorant added to tint bases), or manufacture, blend, or repackage such coating with more than 250 grams of VOC per liter (less water and exempt compounds, and excluding any colorant added to tint bases) for use within the District. [District Rule 4601, 5.1]
24. No person shall apply, sell, solicit, or offer for sale any specialty architectural coating listed in the Table of Standards (District Rule 4601, Table 1 (12/17/92)), nor manufacture, blend, or repackage such coating for use within the District, which contains VOCs (less water and exempt compounds, excluding any colorant added to tint bases) in excess of the specified limits listed in Table 1 of Rule 4601 (12/17/92). [District Rule 4601, 5.2]
25. All VOC-containing materials shall be stored in closed containers when not in use. In use includes, but is not limited to: being accessed, filled, emptied, maintained or repaired. [District Rule 4601, 5.4]
26. A person shall not use VOCs for the cleanup of spray equipment unless equipment for collection of the cleaning compounds and minimizing its evaporation to the atmosphere is used. [District Rule 4601, 5.5]
27. The permittee shall comply with all the Labeling and Test Methods requirements outlined in Rule 4601 sections 6.1 and 6.2 (12/17/92). [District Rule 4601, 6.1 and 6.2]
28. With each report or document submitted under a permit requirement or a request for information by the District or EPA, the permittee shall include a certification of truth, accuracy, and completeness by a responsible official. [District Rule 2520, 9.14.1 and 10.0]
29. If the permittee performs maintenance on, or services, repairs, or disposes of appliances, the permittee shall comply with the standards for Recycling and Emissions Reduction pursuant to 40 CFR Part 82, Subpart F. [40 CFR 82 Subpart F]
30. If the permittee performs service on motor vehicles when this service involves the ozone-depleting refrigerant in the motor vehicle air conditioner (MVAC), the permittee shall comply with the standards for Servicing of Motor Vehicle Air Conditioners pursuant to all the applicable requirements as specified in 40 CFR Part 82, Subpart B. [40 CFR Part 82, Subpart B]
31. Disturbances of soil related to any construction, demolition, excavation, extraction, or water mining activities shall comply with the requirements for fugitive dust control in SJVUAPCD District Rule 8020 (4/25/96) unless specifically exempted under section 4 of Rule 8020 (4/25/96). [District Rule 8020]
32. Outdoor handling and storage of any bulk material which emits dust shall comply with the requirements of SJVUAPCD Rule 8030 (4/25/96), unless specifically exempted under section 4 of Rule 8030 (4/25/96). [District Rule 8030]

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33. Any paved road over 3 miles in length, and any unpaved roads over half a mile in length, constructed after December 10, 1993 shall use the design criteria and dust control measures of, and comply with the administrative requirements of, SJVUAPCD Rule 8060 (4/25/96) unless specifically exempted under section 4 of Rule 8060 (4/25/96). [District Rule 8060]
34. Any owner or operator of a demolition or renovation activity, as defined in 40 CFR 61.141, shall comply with the applicable inspection, notification, removal, and disposal procedures for asbestos containing materials as specified in 40 CFR 61.145 (Standard for Demolition and Renovation). [40 CFR 61 Subpart M]
35. The permittee shall submit certifications of compliance with the terms and standards contained in Title V permits, including emission limits, standards and work practices, to the District and the EPA annually (or more frequently as specified in an applicable requirement or as specified by the District). The certification shall include the identification of each permit term or condition, the compliance status, whether compliance was continuous or intermittent, the methods used for determining the compliance status, and any other facts required by the District to determine the compliance status of the source. [District Rule 2520, 9.17]
36. The permittee shall submit an application for Title V permit renewal to the District at least six months, but not greater than 18 months, prior to the permit expiration date. [District Rule 2520, 5.2]
37. When a term is not defined in a Title V permit condition, the definition in the rule cited as the origin and authority for the condition in a Title V permit shall apply. [District Rule 2520, 9.1.1]
38. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following outdated SIP requirements: Rule 401 (Madera, Fresno, Kern, Kings, San Joaquin, Stanislaus, Tulare and Merced), Rule 110 (Fresno, Stanislaus, San Joaquin), Rule 109 (Merced), Rule 113 (Madera), Rule 111 (Kern, Tulare, Kings), Rules 201, 202, 203, 204, 208, and 209 (Fresno, Kern, Tulare, Kings, Madera, Stanislaus, Merced, San Joaquin), Rule 410.1 (Kern), and Rule 423 (Kern, Fresno, Stanislaus, San Joaquin). A permit shield is granted from these requirements. [District Rule 2520, 13.2]
39. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements: SJVUAPCD Rules 1100, sections 6.1 and 7.0 (12/17/92); 2010, sections 3.0 and 4.0 (12/17/92); 2031 (12/17/92); 2040 (12/17/92); 2070, section 7.0 (12/17/92); 2080 (12/17/92); 4101 (12/17/92); 4601, sections 5.1, 5.2, 5.4, 5.5, 6.1, and 6.2 (12/17/92); 8020 (4/25/96); 8030 (4/25/96); 8060 (4/25/96); A permit shield is granted from these requirements. [District Rule 2520, 13.2]

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**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** S-2076-1-7

**EXPIRATION DATE:** 06/30/2004

**EQUIPMENT DESCRIPTION:**

72 MMBTU/HR NATURAL GAS/LPG FIRED BOILER #1 INCLUDING FLUE GAS RECIRCULATION AND COMPU-NOX O2 MONITOR/CONTROLLER SYSTEM

## **PERMIT UNIT REQUIREMENTS**

1. Particulate matter emissions shall not exceed 0.1 grain/dscf at operating conditions, nor 0.1 grain/dscf calculated to 12% CO<sub>2</sub>, nor 10 lb/hr. [District Rule 4201 and District Rule 4301, 5.1 and 5.2.3], [Federally Enforceable Through Title V]
2. Nitrogen oxide (NOX) emissions shall not exceed 0.036 lb NOX/MMBtu or 30 ppmv. [District Rule 4351, 5.2.2 and 5.4 and /or District Rule 4305, 5.1 and the subsumed District Rule 4301, County Rule 405 (Madera ) and County Rule 408 (Fresno, Kern, Tulare, Kings, Stanislaus, Merced, and San Joaquin)], [Federally Enforceable Through Title V]
3. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081], [Federally Enforceable Through Title V]
4. Operator shall ensure that all required source testing conforms to the compliance testing procedures described in District Rule 1081. [District Rule 1081, and County Rules 108 (Kings), 108.1 (Fresno, Merced, San Joaquin, Tulare, Kern, and Stanislaus), and 110 (Madera)], [Federally Enforceable Through Title V]
5. Operator shall provide that fuel hhv be certified by third party fuel supplier or determined annually by: ASTM D 240-87 or D 2382-88 for liquid hydrocarbon fuels; ASTM D 1826-88 or D 1945-81 in conjunction with ASTM D 3588-89 for gaseous fuels. [District Rule 2520, 9.4.2; 4305, 6.2.1; and 4351, 6.2.1], [Federally Enforceable Through Title V]
6. Operator shall perform annual source testing for NOX (ppmv) according to EPA Method 7E (or ARB Method 100), stack gas oxygen by EPA Method 3 or 3A (or ARB Method 100), NOX emission rate (heat input basis) by EPA Method 19, stack gas velocities by EPA Method 2, and stack gas moisture content by EPA Method 4. Gaseous fired units shall test not less than once every 36 months, if compliance is shown for 2 consecutive years. Test results submitted to the District from individual units that are identical to a group of units, in terms of rated capacity, operational conditions, fuel used, and control method, may satisfy these requirements. [District Rule 4305, 6.2.2, 6.2.4-7 and 4351, 6.2.2 & 6.2.4-7, & 6.3], [Federally Enforceable Through Title V]
7. Nitrogen oxide (NOx) emission concentrations in ppmv referenced at dry stack emissions shall be corrected to 3% O<sub>2</sub> and lb/MMBtu rates shall be calculated as lb NO<sub>2</sub>/MMBtu of heat input (hhv). [District Rule 4305, 8.1 and/or 4351, 8.1], [Federally Enforceable Through Title V]
8. Operator shall monitor and record for each unit the hhv and cumulative annual use of each fuel. [District Rule 4305, 6.1.1 and District Rule 4351, 6.1.1], [Federally Enforceable Through Title V]
9. Operator shall maintain copies of fuel invoices and supplier certifications. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
10. Operator shall maintain all records for at least five years and conform to the recordkeeping requirements described in District Rule 2520. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]
11. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: Rule 405 (Madera), Rule 408 (Fresno), Rule 408.2 (Merced) and 407.2 (Kern, Tulare, Kings, Stanislaus, and San Joaquin); Rule 402 (Madera) and 404 (all seven remaining counties in the San Joaquin Valley); SJVUAPCD Rule 4301. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
12. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: Rule 405 (Madera), 408 and 409 (Kern), and 408 (all six remaining counties in the San Joaquin Valley); Rule 404 (Madera) 406 (Fresno), and 407 (all six remaining counties in the San Joaquin Valley); SJVUAPCD Rule 4801. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
13. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: SJVUAPCD Rule 4201, 4301, 4305, and 4351. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
14. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: SJVUAPCD Rule 1081, and County Rules 108 (Kings), 108.1 (Fresno, Merced, San Joaquin, Tulare, Kern, and Stanislaus), and 110 (Madera). [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
15. The requirements of 40 CFR 72.6(b) and 40 CFR 60.40c do not apply to this source. A permit shield is granted from this requirement. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

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16. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
17. The boiler shall be fired on PUC regulated natural gas or propane. [District Rule 4305, District NSR Rule], [Federally Enforceable Through Title V]
18. Burner shall be equipped with fuel volume flowrate monitor/recorder for propane usage. [District Rule 2520,9.4.2], [Federally Enforceable Through Title V]
19. Natural gas and propane fired emission rate shall not exceed any of the following: PM10: 0.014 lb/MMBtu, SOx (as SO2): 0.001 lb/MMBtu, CO: 0.075 lb/MMBtu or 100 ppmv, or VOC: 0.003 lb/MMBtu. [District NSR Rule], [Federally Enforceable Through Title V]
20. Boiler exhaust stack gas shall be continuously analyzed by the Compu-NOx system for NOx, CO, and O2 levels, and the data shall be recorded in a monthly summary log including emission rates and any exceedences of permitted emissions levels. [District Rule 2520,9.4.2], [Federally Enforceable Through Title V]
21. Emissions sampling sensors shall be calibrated in accordance with Section 6.0 of District rule 1080 (12/17/92). [District Rule 1080], [Federally Enforceable Through Title V]
22. District witnessed source testing for NOx and CO shall be conducted within 60 days of startup and not less than once every 12 months, except as provided below. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
23. District witnessed source testing for NOx and CO shall be conducted not less than once every 36 months if compliance is demonstrated on two consecutive annual tests. [District Rule 2520,9.4.2], [Federally Enforceable Through Title V]
24. If permittee fails any test for NOx and CO when testing not less than once every 36 months, tests for NOx and CO shall be performed not less than once every 12 months. [District Rule 2520,9.4.2], [Federally Enforceable Through Title V]
25. Sensors shall be tested for relative accuracy during every required emissions source test. [District Rule 1081], [Federally Enforceable Through Title V]
26. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified 30 days prior to any compliance source test, and a source test plan must be submitted for approval 15 days prior to testing. [District Rule 1081], [Federally Enforceable Through Title V]
27. Compliance source testing shall be conducted under conditions representative of normal operation. [District NSR Rule], [Federally Enforceable Through Title V]

**Initial TV Permit**

**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** S-2076-2-5

**EXPIRATION DATE:** 06/30/2004

**EQUIPMENT DESCRIPTION:**

236 HP POTATO CHIP LINE #1 INCLUDING FRYER VENTILATION HOOD, ANDERSEN MODEL WAV-123 SCRUBBER, SCREEN CONVEYOR, SALTER AND SEASONER

**PERMIT UNIT REQUIREMENTS**

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1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
  2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
  3. Scrubbers shall have operational differential pressure indicators. [District NSR Rule], [Federally Enforceable Through Title V]
  4. Scrubber liquid supply (at inlet to scrubber) shall have an operational pressure indicator. [District NSR Rule], [Federally Enforceable Through Title V]
  5. Scrubber shall be operated at a minimum of 11 in. w.c. differential pressure and shall be equipped with adjustable throat position indicator. [District NSR Rule], [Federally Enforceable Through Title V]
  6. Scrubber particulate efficiency shall be maintained at no less than 97% by weight. [District NSR Rule], [Federally Enforceable Through Title V]
  7. Sampling facilities for source testing shall be provided in accordance with the provisions of Rule 1081 (Source Sampling). [District Rule 1081], [Federally Enforceable Through Title V]
  8. Potato chip production shall not exceed 7,000 lb/hr. [District NSR Rule], [Federally Enforceable Through Title V]
  9. Particulate matter emissions shall not exceed 3.05 lb/hr. [District NSR Rule], [Federally Enforceable Through Title V]
  10. District-witnessed sample collection shall be performed annually, and resulting data shall be submitted within 30 days of collection. [District NSR Rule], [Federally Enforceable Through Title V]
  11. Compliance with the permit conditions in the Title V permit shall be deemed compliance with the following requirements: District Rule 1081, 4201, 4202, and 4801 and Kern County Rules 404, 404.1, 108.1, 405 and 407. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
  12. Operator shall perform source testing for Particulate Matter emissions according to EPA Method 5, 201, or 201A [District Rule 1081], [Federally Enforceable Through Title V]
  13. Particulate Matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E=3.59^{0.62}$  ( $P<30$  tons/hr) or  $E=17.31^{0.16}$  ( $P>30$  tons/hr). [District Rule 4202], [Federally Enforceable Through Title V]
  14. Permittee shall maintain daily records of potato chip production and the pressure drop across the scrubbers, and shall make such records available for district inspection upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

**Initial TV Permit**

**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** S-2076-3-4

**EXPIRATION DATE:** 06/30/2004

**EQUIPMENT DESCRIPTION:**

CORN CHIP LINE #1 INCLUDING FRYING VAT WITH VENTILATION HOOD AND MIST ENTRAINMENT SEPARATOR, EXHAUST FAN, FRYER HOOD LIFT, SEASONER, AND FRYER FINES REMOVAL SCREEN WITH AIR CLEANING SYSTEM

## **PERMIT UNIT REQUIREMENTS**

1. Sampling facilities for source testing shall be provided in accordance with the provisions of Rule 1081 (Source Sampling). [District Rule 1081], [Federally Enforceable Through Title V]
2. Seasoner shall not vent emissions to the atmosphere. [District NSR Rule], [Federally Enforceable Through Title V]
3. Corn chip fryer fines removal exhaust air shall be ducted into the fryer stack above the oil mist eliminator and below the stack damper. [District NSR Rule], [Federally Enforceable Through Title V]
4. Steam sparged cooker and seasoner shall not be sources of particulate emissions. [District NSR Rule], [Federally Enforceable Through Title V]
5. Corn chip production shall not exceed 2500 lb/hr [District NSR Rule], [Federally Enforceable Through Title V]
6. Corn chip fryer fines removal system shall not exceed 60 cfm. [District NSR Rule], [Federally Enforceable Through Title V]
7. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
8. Particulate emissions shall not exceed 1.25 lb/hr. [District NSR Rule], [Federally Enforceable Through Title V]
9. Visible emission from seasoner shall not exceed 0% opacity to the atmosphere. [District NSR Rule], [Federally Enforceable Through Title V]
10. District-witnessed sample collection shall be performed in even-numbered years, alternating with Permit unit S-2076-8 (corn chip line #2 to be tested in odd-numbered years). [District NSR Rule], [Federally Enforceable Through Title V]
11. Source testing shall be required for this unit and Permit unit S-2076-8 if test results determine either is out of compliance. Test results and field data shall be submitted within 30 days of sample collection. [District NSR Rule], [Federally Enforceable Through Title V]
12. Compliance with the permit conditions in the Title V permit shall be deemed compliance with the following requirements: Rule 4201, 1081. Kern County Rules 404, 404.1 and 108.1. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
13. Operator shall perform source testing for Particulate Matter emissions according to EPA Method 5, 201, or 201A. [District Rule 1081], [Federally Enforceable Through Title V]
14. Particulate Matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E=3.59^{0.62}$  ( $P<30$  tons/hr) or  $E=17.31^{0.16}$  ( $P>30$  tons/hr). [District Rule 4202], [Federally Enforceable Through Title V]
15. Permittee shall maintain daily records of corn chip production and shall make such records available to the District upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
16. The exhaust vented to the atmosphere shall be inspected quarterly while in operation for visible emissions and the results shall be recorded and made available for District inspection upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]



**Initial TV Permit**

**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** S-2076-4-2

**EXPIRATION DATE:** 06/30/2004

**EQUIPMENT DESCRIPTION:**

TORTILLA CHIP LINE #1 HOT OIL FRYING OPERATION INCLUDING HEAT EXCHANGER, OIL CIRCULATION PUMP, SCREEN CONVEYOR, OIL TRANSFER PUMPS, HOOD LIFT, CONDENSATE RETURN PUMPS, AND SEASONER

## **PERMIT UNIT REQUIREMENTS**

1. Sampling facilities for source testing shall be provided in accordance with the provisions of Rule 1081 (Source Sampling). [District Rule 1081], [Federally Enforceable Through Title V]
2. The seasoner shall not vent emissions to the atmosphere. [District NSR Rule], [Federally Enforceable Through Title V]
3. Seasoner shall not be a source of particulate matter emissions. [District NSR Rule], [Federally Enforceable Through Title V]
4. Tortilla chip production rate shall not exceed 3,500 lb/hr. [District NSR Rule], [Federally Enforceable Through Title V]
5. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
6. Particulate matter emissions shall not exceed 0.7 lb/hr. [District NSR Rule], [Federally Enforceable Through Title V]
7. Emission sampling shall be performed by District-witnessed sample collection in odd-numbered years, alternating with Permit No. S-2076-5 (tortilla chip line #2 to be tested in even-numbered years). [District NSR Rule], [Federally Enforceable Through Title V]
8. Test results and field data shall be submitted within 30 days of sample collection. [District NSR Rule], [Federally Enforceable Through Title V]
9. Compliance with the permit condition in the Title V permit shall be deemed compliance with the following requirements: Rule 4201, 4202, and 1081. Kern County Rules 404, 404.1, 405, and 108.1. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
10. Operator shall perform source testing for Particulate Matter Emissions according to EPA Method 5, 201, or 201A. [District Rule 1081], [Federally Enforceable Through Title V]
11. Particulate Matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E=3.59^{0.62}$  ( $P<30$  tons/hr) or  $E=17.31^{0.16}$  ( $P>30$  tons/hr). [District Rule 4202], [Federally Enforceable Through Title V]
12. Permittee shall maintain daily records of tortilla chip production and shall make such records available to the District upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

**Initial TV Permit**  
**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** S-2076-5-2

**EXPIRATION DATE:** 06/30/2004

**EQUIPMENT DESCRIPTION:**

TORTILLA CHIP LINE #2 FRYING OPERATION WITH HEAT EXCHANGER, OIL CIRCULATION PUMP, SCREEN CONVEYOR, OIL TRANSFER PUMPS, HOOD LIFT, CONDENSATE RETURN PUMPS, AND SEASONER

**PERMIT UNIT REQUIREMENTS**

1. Sampling facilities for source testing shall be provided in accordance with the provisions of Rule 1081 (Source Sampling). [District Rule 1081], [Federally Enforceable Through Title V]
2. The seasoner shall not vent emissions to the atmosphere. [District NSR Rule], [Federally Enforceable Through Title V]
3. Seasoner shall not be a source of particulate matter emissions. [District NSR Rule], [Federally Enforceable Through Title V]
4. Tortilla chip production rate shall not exceed 3,500 lb/hr. [District NSR Rule], [Federally Enforceable Through Title V]
5. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
6. Particulate matter emissions shall not exceed 0.7 lb/hr. [District NSR Rule], [Federally Enforceable Through Title V]
7. Emission sampling shall be performed by District-witnessed sample collection in even-numbered years, alternating with Permit No. S-2076-4 (tortilla chip line #1 to be tested in odd-numbered years). [District NSR Rule], [Federally Enforceable Through Title V]
8. Test results and field data shall be submitted within 30 days of sample collection. [District NSR Rule], [Federally Enforceable Through Title V]
9. Compliance with the permit condition in the Title V permit shall be deemed compliance with the following requirements: Rule 4201, 4202, and 1081. Kern County Rules 404, 404.1, 405, and 108.1. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
10. Operator shall perform source testing for Particulate Matter Emissions according to EPA Method 5, 201, or 201A. [District Rule 1081], [Federally Enforceable Through Title V]
11. Particulate Matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E=3.59^{0.62}$  ( $P<30$  tons/hr) or  $E=17.31^{0.16}$  ( $P>30$  tons/hr). [District Rule 4202], [Federally Enforceable Through Title V]
12. Permittee shall maintain daily records of tortilla chip production and shall make such records available to the District upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

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**San Joaquin Valley**  
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**PERMIT UNIT:** S-2076-6-5

**EXPIRATION DATE:** 06/30/2004

**EQUIPMENT DESCRIPTION:**

CORN RECEIVING & STORAGE OPERATION INCLUDING RAILCAR UNLOADING, SILO INFEED CONVEYOR, SILO BUCKET ELEVATOR, SILO FEED DIVERTER, 3-600,000 LB STORAGE SILOS, 3-CORN HOPPER BUCKET ELEVATORS, CARTER-DAY SCREEN MACHINE, & PULSE-JET FABRIC FILTER W/36 BAGS

## **PERMIT UNIT REQUIREMENTS**

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1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
  2. Air flow from Carter-Day screen machine shall not exceed 200 scfm. [District NSR Rule], [Federally Enforceable Through Title V]
  3. Processed corn weight shall not exceed 6 Tons/hr. [District NSR Rule], [Federally Enforceable Through Title V]
  4. All corn received at plant shall be precleaned prior to delivery. [District NSR Rule], [Federally Enforceable Through Title V]
  5. All corn conveyors, bucket elevators, and transfer points shall be covered or fully enclosed during normal operation. [District NSR Rule], [Federally Enforceable Through Title V]
  6. Inspection hatches on conveying equipment shall remain closed at all times except as required for normal operating procedures. [District NSR Rule], [Federally Enforceable Through Title V]
  7. Baghouse flowrate shall be maintained at a minimum of 3,250 scfm. [District NSR Rule], [Federally Enforceable Through Title V]
  8. Particulate matter emissions shall not exceed 0.31 lb/hr. [District NSR Rule], [Federally Enforceable Through Title V]
  9. If visible emissions from exhaust vents to the atmosphere are detected, compliance testing with particulate emissions rate shall be performed by District-witnessed sample collection, and official results/field data shall be submitted within 30 days of collection. [District NSR Rule and District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
  10. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
  11. Material removed from dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 4102]
  12. All equipment shall be maintained in good operation condition and shall be operated in a manner to minimize emission of air contaminants into the atmosphere. [District Rule 4102]
  13. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201, Kern County Rules 404 and 404.1, District Rule 4202 and Kern County Rule 405. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
  14. Dust collector filters shall be inspected quarterly while in operation for evidence of particulate matter breakthrough and replaced as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
  15. Dust collector filters shall be inspected annually while not in operation for tears, scuffs, abrasions or holes which might interfere with the PM collection efficiency and shall be replaced as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
  16. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
  17. The exhaust vented to the atmosphere shall be inspected quarterly while in operation for visible emissions and the results shall be recorded and made available to the District upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

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**PERMIT UNIT:** S-2076-7-3

**EXPIRATION DATE:** 06/30/2004

**EQUIPMENT DESCRIPTION:**

PROCESS WASTEWATER TREATMENT FACILITY INCLUDING WASTEWATER OIL REMOVAL TANK, STARCH RECOVERY SYSTEM, SEPARATION & HOLDING TANK, PRIMARY PUMP STATION, ROTARY SCREENS, TRANSFER PUMP STATION W/4 PUMPS, 13 IRRIGATORS, & TAILWATER COLLECTION/RETURN SYSTEM

## **PERMIT UNIT REQUIREMENTS**

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1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. Pretreatment system shall include bakery wastewater oil removal tank, starch recovery system, oil gravity separation and holding tank, primary process pump station, and rotary screens. [District NSR Rule], [Federally Enforceable Through Title V]
3. Treatment and disposal systems shall consist of transfer pump station with four 50 hp pumps, wastewater application system with thirteen 4 hp irrigators, tailwater collection/return system, supplemental irrigation water system, and support facilities [District NSR Rule], [Federally Enforceable Through Title V]
4. Processed wastewater shall be collected from the snack foods plant (oily, starchy, and process water) and the bakery (process water). [District NSR Rule], [Federally Enforceable Through Title V]
5. There shall be no visible standing process wastewater at any application site for more than 24 hours. [District NSR Rule], [Federally Enforceable Through Title V]
6. Tailwater runoff collection and return system shall prevent blockage and odor formation, and any runoff collected in tailwater collection pond shall be pumped out and reapplied. [District NSR Rule], [Federally Enforceable Through Title V]
7. Permittee shall maintain accurate records of wastewater discharge volume and shall make such records available for District inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

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**PERMIT UNIT:** S-2076-8-4

**EXPIRATION DATE:** 06/30/2004

**EQUIPMENT DESCRIPTION:**

CORN CHIP LINE #2 INCLUDING FRYING VAT WITH VENTILATION HOOD AND MIST ENTRAINMENT SEPARATOR, EXHAUST FAN, HEAT EXCHANGER, CIRCULATING PUMP, TRANSFER PUMP, FRYER HOOD LIFT, SEASONER, AND FRYER FINES REMOVAL SCREEN WITH AIR CLEANING SYSTEM

## **PERMIT UNIT REQUIREMENTS**

1. Sampling facilities for source testing shall be provided in accordance with the provisions of Rule 1081 (Source Sampling). [District Rule 1081], [Federally Enforceable Through Title V]
2. Seasoner shall not vent emissions to the atmosphere. [District NSR Rule], [Federally Enforceable Through Title V]
3. Corn chip fryer fines removal exhaust air shall be ducted into the fryer stack above the oil mist eliminator and below the stack damper. [District NSR Rule], [Federally Enforceable Through Title V]
4. Steam sparged cooker and seasoner shall not be sources of particulate emissions. [District NSR Rule], [Federally Enforceable Through Title V]
5. Corn chip production shall not exceed 2500 lb/hr [District NSR Rule], [Federally Enforceable Through Title V]
6. Corn chip fryer fines removal system shall not exceed 60 cfm. [District NSR Rule], [Federally Enforceable Through Title V]
7. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
8. Particulate emissions shall not exceed 1.25 lb/hr. [District NSR Rule], [Federally Enforceable Through Title V]
9. Visible emission from seasoner shall not exceed 0% opacity to the atmosphere. [District NSR Rule], [Federally Enforceable Through Title V]
10. Emission sampling shall be performed by District-witnessed sample collection in odd-numbered years, alternating with Permit No. S-2076-3 (corn chip line #1 to be tested in even-numbered years). [District NSR Rule], [Federally Enforceable Through Title V]
11. Source testing shall be required for this unit and Permit No. S-2076-3 if test results determine either is out of compliance. Test results and field data shall be submitted within 30 days of sample collection. [District NSR Rule], [Federally Enforceable Through Title V]
12. Compliance with the permit condition in the Title V permit shall be deemed compliance with the following requirements: Rule 4201, 1081. Kern County Rules 404, 404.1 and 108.1. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
13. Operator shall perform source testing for Particulate Matter emissions according to EPA Method 5, 201, or 201A. [District Rule 1081], [Federally Enforceable Through Title V]
14. Particulate Matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E=3.59^{0.62}$  ( $P<30$  tons/hr) or  $E=17.31^{0.16}$  ( $P>30$  tons/hr). [District Rule 4202], [Federally Enforceable Through Title V]
15. Permittee shall maintain daily records of corn chip production and shall make such records available to the District upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
16. The exhaust vented to the atmosphere shall be inspected quarterly while in operation for visible emissions and the results shall be recorded and made available for District inspection upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

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**San Joaquin Valley**  
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**PERMIT UNIT:** S-2076-9-7

**EXPIRATION DATE:** 06/30/2004

**EQUIPMENT DESCRIPTION:**

COGENERATION FACILITY INCLUDING ALLISON 6.0 MW 53 MMBTU/HR GAS-FIRED GAS TURBINE ENGINE GENERATOR SET, 40 MMBTU/HR LOW-PRESSURE HEAT RECOVERY STEAM GENERATOR WITH COEN BURNER, PRE-COMBUSTION STEAM INJECTION NOZZLE, & ELDON HEAT RECLAIMER

**PERMIT UNIT REQUIREMENTS**

1. Units shall be fired exclusively on PUC-quality natural gas which has a sulfur content of less than or equal to 0.017% by weight. [40 CFR 60.333(a) & (b); 60.332(a); Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)], [Federally Enforceable Through Title V]
2. Operator shall not discharge into the atmosphere combustion contaminants (PM) exceeding in concentration at the point of discharge, 0.1 gr/dscf. [District Rule 4201; Rule 402 (Madera) and 404 (all 7 remaining counties in the San Joaquin Valley)], [Federally Enforceable Through Title V]
3. Operator shall not exceed a NOx emission rate of: A. (If Rating < 10 MW) 42 ppmvd @ 15% O2, excluding thermal stabilization and reduced load periods; B. (If Rating > 10 MW) (15 X EFF/25)ppmvd @ 15% O2, under load conditions, excluding thermal stabilization and reduced load periods, where EFF (efficiency) is the higher of EFF1 {100%x(3412 Btu/kW-hr)/(Actual Heat Rate at HHV, Btu/kW-hr)} or EFF2 {EFFmfr x (LHV/HHV)} where actual heat rate is a ratio of the heat input to power output taking into account the manufacturer's listed turbine efficiency, HHV is the higher heating value of the fuel, LHV is the lower heating value of the fuel, and EFFmfr is the manufacturer's continuous rated percent efficiency of the gas turbine with air pollution equipment at LHV. An EFF that is less than 25 shall be assigned a value of 25. [40 CFR 60.332(a)(1) & 60.332(a)(2) and District Rule 4703, 5.1.1], [Federally Enforceable Through Title V]
4. Operator shall be required to conform to the compliance testing procedures described in District Rule 1081. [District Rule 1081; Rule 108.1 (Fresno, Merced, San Joaquin, Tulare, Kern, and Stanislaus), Rule 110 (Madera), and Rule 108 (Kings)], [Federally Enforceable Through Title V]
5. If the turbine is not fired on PUC-regulated natural gas, then the sulfur content of the natural gas being fired in the turbine shall be determined using ASTM method D 1072-80, D 3031-81, D 4084-82 or D 3246-81. [40 CFR 60.335(d)], [Federally Enforceable Through Title V]
6. If the turbine is not fired on PUC-regulated natural gas, the sulfur content of each fuel source shall be tested weekly except that if compliance with the fuel sulfur content limit has been demonstrated for 8 consecutive weeks for a fuel source, then the testing frequency shall be quarterly. If a test shows noncompliance with the sulfur content requirement, the source must return to weekly testing until eight consecutive weeks show compliance. [40 CFR 60.334(b)(2)], [Federally Enforceable Through Title V]
7. HHV and LHV of the fuel shall be determined using ASTM D3588-91, ASTM 1826-88, or ASTM 1945-81. [40 CFR 60.335(b) and District Rule 4703, 6.4.5], [Federally Enforceable Through Title V]
8. Nitrogen oxides (NOx) concentrations shall be determined using EPA Method 7E or 20, and oxygen (O2) concentrations shall be determined using EPA Method 3, 3A, or 20. [40 CFR 60.335(b) and District Rule 4703, 6.4], [Federally Enforceable Through Title V]
9. The operator shall provide source test information annually regarding the exhaust gas NOx concentration corrected to 15% O2 (dry). [40 CFR 60.332(a), (b) and District Rule 4703, 5.1], [Federally Enforceable Through Title V]
10. If the unit has a rating greater than or equal to 10.0 MW, operator shall provide source test information annually regarding the demonstrated percent efficiency (EFF) as defined in District Rule 4703, 5.1.1. [40 CFR 60.332(a),(b) and District Rule 4703, 5.1.1], [Federally Enforceable Through Title V]
11. Any gas turbine with an intermittently operated auxiliary burner shall demonstrate compliance with the auxiliary burner on and off. [40 CFR 60.335(b) and District Rule 4703, 6.3.2], [Federally Enforceable Through Title V]
12. If the turbine is fired on PUC-regulated natural gas, then maintain on file copies of natural gas bills. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
13. The operator of a stationary gas turbine system shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]
14. Operator shall maintain a stationary gas turbine operating log that includes, on a daily basis, the actual local start-up and stop time, length and reason for reduced load periods, total hours of operation and quantity of fuel used. [40 CFR 60.332(a),(b) and District Rule 4703, 6.2.4], [Federally Enforceable Through Title V]

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15. Compliance with permit conditions in the Title V permit shall be deemed in compliance with the following applicable requirements: SJVUAPCD Rule 1081, 4201, 3.1; Rules 406 (Fresno), 407 (Kings, San Joaquin, Stanislaus, Tulare, Merced, and Kern), and 404(Madera); 40 CFR 60.332(c), (d); 60.334 (b), and (c)(2); 60.335(d). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
16. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: SJVUAPCD Rule 4703, 6.2.2; Rules 108 (Kings), 108.1 (Fresno, Merced, San Joaquin, Tulare, Kern and Stanislaus), and 110 (Madera); Rules 402 (Madera) and 404 (Fresno, Kern, Kings, San Joaquin, Merced, Stanislaus, Tulare); 40 CFR 60.332 (a) and (b); 60.333(a) and (b); 60.334 (a), (b), and (c)(1); 60.335 (a), (b), (c), and (e). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
17. Compliance with the permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements: SJVUAPCD Rule 4703, sections 5.0, 5.1.1, 6.2.1, 6.2.4, 6.3, 6.4.1, 6.4.3, 6.4.5, 6.4.6. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
18. Permittee shall install, operate and maintain in calibration a predictive emissions monitoring system which continuously measures and records the water-to-fuel ratio and which correlates the water-to-fuel ratio with the NOx concentration in the exhaust by using the method described in 40 CFR 60.335(c). [40 CFR 60.334], [Federally Enforceable Through Title V]
19. Permittee shall submit to the APCO the information correlating the control system operating parameters to the associated measured NOx output. [District Rule 4703, 6.2.3], [Federally Enforceable Through Title V]
20. Permittee shall install, operate and maintain in calibration a system which continuously measures and records elapsed time of turbine operation. [40 CFR 60.334 and District Rule 4703, 6.2.1], [Federally Enforceable Through Title V]
21. The predictive emissions monitoring system shall meet the performance requirements as specified in 40 CFR Part 60 Appendix B, Spec.2. [40 CFR 60.334 and District Rule 4703, 6.2.1], [Federally Enforceable Through Title V]
22. Operator shall submit a semiannual report listing any daily period during which the sulfur content of the fuel being fired in the gas turbine exceeds 0.8% by weight. [40 CFR 60.334(c)(2)], [Federally Enforceable Through Title V]
23. Permittee shall submit an excess emissions and monitoring systems performance report (excess emissions are defined in applicable subparts) and/or a summary report form to the APCO semiannually, except when more frequent reporting is specifically required by an applicable subpart. All reports shall be postmarked by the 30th day of each calendar half (or quarter, as appropriate). [40 CFR 60.7(c)], [Federally Enforceable Through Title V]
24. Any one-hour period during which the average water-to-fuel ratio, as measured by the continuous monitoring system, falls below the water-to-fuel ratio determined to demonstrate compliance shall be reported to the APCO. Each report shall include the average water-to-fuel ratio, average fuel consumption, ambient conditions, turbine gas load and nitrogen content of the fuel during the period of excess emissions. [40 CFR 60.334(c)], [Federally Enforceable Through Title V]
25. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
26. Allison, Model 501, gas-fired gas turbine engine shall have a nominal heat input rating of 53 MMBTU/hr (LHV) and a maximum capability of 56 MMBTU/hr (LHV). [District NSR Rule], [Federally Enforceable Through Title V]
27. Low pressure heat recovery steam generator with Coen duct burner shall have maximum heat input rating of 40 MMBTU/hr. [District NSR Rule], [Federally Enforceable Through Title V]
28. Heat recovery steam generator shall be equipped with 20 hp auxiliary air blower to duct burner. [District NSR Rule], [Federally Enforceable Through Title V]
29. Steam generator shall be equipped with un-fired 0.96 MMBTU/hr Eldon heat reclaimer with circulating pump and suction blower. [District NSR Rule], [Federally Enforceable Through Title V]
30. Gas turbine engine and duct burner shall each be equipped with continuously recording fuel flow monitors. [District NSR Rule], [Federally Enforceable Through Title V]
31. Gas turbine engine shall be equipped with pre-combustion and post-combustion steam injection systems for NOx control. [District NSR Rule], [Federally Enforceable Through Title V]
32. Gas turbine engine shall be equipped with continuously recording steam injection rate monitor accurate to within 5%. [District NSR Rule], [Federally Enforceable Through Title V]
33. Gas turbine engine shall exhaust only to heat recovery steam generator. [District NSR Rule], [Federally Enforceable Through Title V]
34. Exhaust stack shall be equipped with permanent sampling ports, platform, and access ladder facilitating collection of gas samples consistent with EPA test methods. [District NSR Rule], [Federally Enforceable Through Title V]
35. Piping to and from Eldon heat reclaimer shall be leak free and gas tight, i.e. no detectable emissions. [District NSR Rule], [Federally Enforceable Through Title V]

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36. Eldon heat reclaimer shall vent only to turbine engine exhaust stack. [District NSR Rule], [Federally Enforceable Through Title V]
37. Start-up and shutdown of the gas turbine, as defined in 40 CFR Subpart A 60.2, shall not exceed two hours per occurrence. [District NSR Rule], [Federally Enforceable Through Title V]
38. Gas turbine engine steam injection rate shall be maintained at a steam-to-fuel ratio such that CO emission rate does not exceed 14.4 lb/hr, except for periods of start-up or shutdown or maintenance. [District NSR Rule], [Federally Enforceable Through Title V]
39. Duct burner shall be fired exclusively with PUC quality or equivalent natural gas or propane. [District NSR Rule], [Federally Enforceable Through Title V]
40. Duct burner auxiliary air shall be supplied only in sub-stoichiometric quantities. [District NSR Rule], [Federally Enforceable Through Title V]
41. Exhaust gas sulfur compound emission concentration contributed by gas turbine engine exhaust shall not exceed 150 ppm by volume (NSPS requirement). [District NSR Rule], [Federally Enforceable Through Title V]
42. Exhaust gas nitrogen oxide emission concentration contributed by gas turbine engine exhaust shall not exceed 0.015% by weight (NSPS requirement). [District NSR Rule], [Federally Enforceable Through Title V]
43. Gas turbine engine shall not be operated when steam injection system is not operating, unless steam injection shutdown is required for maintenance and does not exceed 30 minutes in one day or is during start-up or shutdown. [District NSR Rule], [Federally Enforceable Through Title V]
44. Compliance with NO<sub>x</sub>, CO, and SO<sub>x</sub> emission limits shall be demonstrated by District-witnessed sampling by an independent laboratory annually 60 days prior to permit anniversary date, and test data/results shall be submitted within 60 days of sampling. [District NSR Rule], [Federally Enforceable Through Title V]
45. Maximum emission rates on any day shall not exceed 29.76 lb of PM<sub>10</sub>, 4.09 lb of SO<sub>4</sub>, 1.28 lb of SO<sub>2</sub>, 299.52 lb of NO<sub>x</sub>, 32.88 lb of VOCs, and 345.6 lb of CO. [District NSR Rule], [Federally Enforceable Through Title V]
46. On any day maintenance of steam injection system is conducted or turbine start-up/shutdown occurs, permittee shall demonstrate compliance with emission limits by daily fuel usage and established emission factors for PM<sub>10</sub>, SO<sub>4</sub>, SO<sub>2</sub>, and VOC's. [District NSR Rule], [Federally Enforceable Through Title V]
47. On any day maintenance of steam injection system is conducted or turbine start-up/shutdown occurs, permittee shall demonstrate compliance with emission limits by CCEM calculations for NO<sub>x</sub> and CO. [District NSR Rule], [Federally Enforceable Through Title V]
48. Particulate matter (PM<sub>10</sub>) emissions shall not exceed 0.0133 lb/MMBtu except during periods when the steam injection system is down for maintenance or during periods of startup or shutdown. [District NSR Rule], [Federally Enforceable Through Title V]
49. Sulfur oxides emissions as SO<sub>2</sub> shall not exceed 0.0005 lb/MMBTU. [District NSR Rule], [Federally Enforceable Through Title V]
50. Sulfur oxides emissions as SO<sub>4</sub> shall not exceed 0.0018 lb/MMBTU. [District NSR Rule], [Federally Enforceable Through Title V]
51. Nitrogen oxide emissions as NO<sub>2</sub> at cogeneration system exhaust shall not exceed 0.16 lb/MMBTU when gas turbine is fueled with gas and duct burner is not fueled. [District NSR Rule], [Federally Enforceable Through Title V]
52. Nitrogen oxide emissions as NO<sub>2</sub> shall not exceed 0.13 lb/MMBTU at cogeneration system exhaust when gas turbine and duct burner are gas-fired, except when steam injection system is shutdown for maintenance and during start-up and shutdown. [District NSR Rule], [Federally Enforceable Through Title V]
53. Volatile organic compound (VOC) emissions shall not exceed 0.0147 lb/MMBTU. [District NSR Rule], [Federally Enforceable Through Title V]
54. Carbon monoxide (CO) emissions shall not exceed 0.1548 lb/MMBTU. [District NSR Rule], [Federally Enforceable Through Title V]



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**San Joaquin Valley**  
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**PERMIT UNIT:** S-2076-10-2

**EXPIRATION DATE:** 06/30/2004

**EQUIPMENT DESCRIPTION:**

49 HP STARCH DRYING OPERATION INCLUDING 30 HP SYSTEM FAN, AUGERS, ROTARY AIR LOCK, 1.3 MMBTU/HR STEAM INPUT, VENTURI THROAT, UP/DOWN LEG DUCTS, 36" DIA. SEPARATION CYCLONE, 48" DIA. STARCH HOPPER, AND BAGGING OPERATION

## **PERMIT UNIT REQUIREMENTS**

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1. Starch Dryer shall be vented only through separation cyclone. [District NSR Rule], [Federally Enforceable Through Title V]
  2. Steam shall only be supplied by the boiler or cogeneration system. [District NSR Rule], [Federally Enforceable Through Title V]
  3. Throughput of 12% moisture starch (final product) shall not exceed 1000 lb/hr and 24,000 lb/day. [District NSR Rule], [Federally Enforceable Through Title V]
  4. Air flow through starch dryer to cyclone shall not exceed 5,450 cfm. [District NSR Rule], [Federally Enforceable Through Title V]
  5. Particulate (PM-10) emissions shall not exceed 0.70 lb/hr and 0.015 grains/dscf. [District NSR Rule and District Rule 4201], [Federally Enforceable Through Title V]
  6. Emissions shall be measured by District-witnessed sample collection annually, and official test/field data shall be submitted within 30 days of sampling. [District NSR Rule], [Federally Enforceable Through Title V]
  7. Compliance with the permit conditions in the Title V permit shall be deemed compliance with the following requirements: Rule 4201 and 1081. Kern County Rules 404, and 404.1. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
  8. Sampling facilities for source testing shall be provided in accordance with the provisions of Rule 1081 (Source Sampling) [District Rule 1081], [Federally Enforceable Through Title V]
  9. Operator shall perform source testing for Particulate matter emissions according to EPA Method 5, 201, or 201A. [District Rule 1081], [Federally Enforceable Through Title V]
  10. Permittee shall maintain daily records of starch throughput and shall make such records available for District inspection upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
  11. The exhaust vented to the atmosphere shall be inspected quarterly while in operation for visible emissions and the results shall be recorded and made available for District inspection upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

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**San Joaquin Valley**  
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**PERMIT UNIT:** S-2076-11-3

**EXPIRATION DATE:** 06/30/2004

**EQUIPMENT DESCRIPTION:**

240 BHP CUMMINS MODEL N855F DIESEL FIRED I.C. ENGINE S/N 11267431 POWERING A FIREWATER PUMP

**PERMIT UNIT REQUIREMENTS**

1. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)]
2. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration at the point of discharge. [District Rule 4201; Rule 402 (Madera) and 404 (all 7 remaining counties in the San Joaquin Valley)]
3. Unit shall be fired only on diesel fuel with a sulfur content of less than 0.05% by weight. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)]
4. If the IC engine is fired on Air Resources Board regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, the operator shall maintain copies of all fuel invoices and supplier certifications. [District Rule 2520, 9.4.2]
5. If the IC engine is not fired on ARB regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, then the owner or operator shall determine the sulfur content of each delivery of diesel fuel being fired in the IC engine. The sulfur content shall be determined using ASTM method D 2880-71. [District Rule 2520, 9.4.2]
6. The operator of an internal combustion (IC) engine shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.5.2]
7. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements of SJVUAPCD Rule 4201; Rule 404 (Madera), 406 (Fresno), and 407 (Kings, Merced, San Joaquin, Tulare, Kern, and Stanislaus). A permit shield is granted from these requirements. [District Rule 2520, 13.2]
8. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: Rules 402 (Madera) and 404 (Fresno, Merced, Kern, Kings, San Joaquin, Stanislaus, Tulare). A permit shield is granted from these requirements. [District Rule 2520, 13.2]
9. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
10. Operation of the engine for maintenance and testing purposes shall not exceed 200 hours per year. [District NSR Rule], [Federally Enforceable Through Title V]
11. Emissions shall not exceed the following: NOx - 14.00 g/BHP-hr and VOC - 0.87 g/BHP-hr. [District NSR Rule], [Federally Enforceable Through Title V]
12. A record of engine operation elapsed time and dates of operation shall be maintained, retained on the premises, and made available for District inspection upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

**Initial TV Permit**

**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** S-2076-12-3

**EXPIRATION DATE:** 06/30/2004

**EQUIPMENT DESCRIPTION:**

240 BHP CUMMINS MODEL N855F DIESEL FIRED I.C. ENGINE S/N 11215797 POWERING A FIREWATER PUMP

**PERMIT UNIT REQUIREMENTS**

1. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)]
2. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration at the point of discharge. [District Rule 4201; Rule 402 (Madera) and 404 (all 7 remaining counties in the San Joaquin Valley)]
3. Unit shall be fired only on diesel fuel with a sulfur content of less than 0.05% by weight. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)]
4. If the IC engine is fired on Air Resources Board regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, the operator shall maintain copies of all fuel invoices and supplier certifications. [District Rule 2520, 9.4.2]
5. If the IC engine is not fired on ARB regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, then the owner or operator shall determine the sulfur content of each delivery of diesel fuel being fired in the IC engine. The sulfur content shall be determined using ASTM method D 2880-71. [District Rule 2520, 9.4.2]
6. The operator of an internal combustion (IC) engine shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.5.2]
7. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements of SJVUAPCD Rule 4201; Rule 404 (Madera), 406 (Fresno), and 407 (Kings, Merced, San Joaquin, Tulare, Kern, and Stanislaus). A permit shield is granted from these requirements. [District Rule 2520, 13.2]
8. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: Rules 402 (Madera) and 404 (Fresno, Merced, Kern, Kings, San Joaquin, Stanislaus, Tulare). A permit shield is granted from these requirements. [District Rule 2520, 13.2]
9. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
10. Operation of the engine for maintenance and testing purposes shall not exceed 200 hours per year. [District NSR Rule], [Federally Enforceable Through Title V]
11. Emissions shall not exceed the following: NO<sub>x</sub> - 14.00 g/BHP-hr and VOC - 0.87 g/BHP-hr. [District NSR Rule], [Federally Enforceable Through Title V]
12. A record of engine operation elapsed time and dates of operation shall be maintained, retained on the premises, and made available for District inspection upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

**Initial TV Permit**  
**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** S-2076-13-3

**EXPIRATION DATE:** 06/30/2004

**EQUIPMENT DESCRIPTION:**

TWO 5.2 MMBTU/HR GAS-FIRED OVENS NOS. 85121125 AND 85121126

## **PERMIT UNIT REQUIREMENTS**

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1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. Ovens shall be fired exclusively on PUC-regulated natural gas and shall have no provisions for firing on fuel oil. [District NSR Rule and District Rule 4801], [Federally Enforceable Through Title V]
3. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
4. Natural gas-firing emission factors shall not exceed the following: 0.012 lb PM-10/MMBtu; 0.001 lb SOx/MMBtu; 0.100 NOx/MMBtu; 0.021 lb CO/MMBtu; and 0.005 lb VOC/MMBtu. [District NSR Rule], [Federally Enforceable Through Title V]
5. Compliance with the permit conditions in the Title V permit shall be deemed compliance with The following requirements: Rule 4201, 4801, Kern County rules 404, 404.1 and 407. [District Rule 2520 13.2], [Federally Enforceable Through Title V]
6. Permittee shall maintain copies of natural gas bills which shall be made available for District inspection upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

**Initial TV Permit**  
**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** S-2076-14-3

**EXPIRATION DATE:** 06/30/2004

**EQUIPMENT DESCRIPTION:**

TWO 5.2 MMBTU/HR GAS-FIRED OVENS NOS. 85121127 AND 85121128

## **PERMIT UNIT REQUIREMENTS**

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1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. Ovens shall be fired exclusively on PUC-regulated natural gas and shall have no provisions for firing on fuel oil. [District NSR Rule and District Rule 4801], [Federally Enforceable Through Title V]
3. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
4. Natural gas-firing emission factors shall not exceed the following: 0.012 lb PM-10/MMBtu; 0.001 lb SOx/MMBtu; 0.100 NOx/MMBtu; 0.021 lb CO/MMBtu; and 0.005 lb VOC/MMBtu. [District NSR Rule], [Federally Enforceable Through Title V]
5. Compliance with the permit conditions in the Title V permit shall be deemed compliance with The following requirements: Rule 4201, 4801, Kern County rules 404, 404.1 and 407. [District Rule 2520 13.2], [Federally Enforceable Through Title V]
6. Permittee shall maintain copies of natural gas bills which shall be made available for District inspection upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

**Initial TV Permit**

**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** S-2076-15-2

**EXPIRATION DATE:** 06/30/2004

**EQUIPMENT DESCRIPTION:**

CORN RECEIVING AND STORAGE OPERATION INCLUDING: PNEUMATIC RAILCAR RECEIVING AND TRANSFER SYSTEM, ONE 300,000 AND TWO 500,000 LB STORAGE SILOS WITH FABRIC FILTERS, AND CORN CLEANER WITH FABRIC FILTER

**PERMIT UNIT REQUIREMENTS**

- 
1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
  2. All corn received at plant shall be pre-cleaned prior to delivery. [District NSR Rule], [Federally Enforceable Through Title V]
  3. Corn Transfer system shall be covered or fully enclosed during normal operation. [District NSR Rule], [Federally Enforceable Through Title V]
  4. Inspection hatches on conveying equipment shall remain closed at all times except as required for normal maintenance procedures. [District NSR Rule], [Federally Enforceable Through Title V]
  5. Corn receiving rate shall not exceed 100,000 lb/hr, and particulate matter (PM-10) emission rate shall not exceed 0.01 lb/ton of corn received. [District NSR Rule], [Federally Enforceable Through Title V]
  6. If visible emissions from exhaust vents to the atmosphere exceed 5% opacity, compliance testing for Particulate Matter emissions limits shall be demonstrated by District-witnessed sample collection by an independent laboratory, and field data/official results shall be submitted within 30 days of collection. [District NSR Rule], [Federally Enforceable Through Title V]
  7. Permittee shall maintain daily records of amount of corn received, and such records shall be available for District inspection upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
  8. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
  9. Material removed from dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 4102]
  10. All equipment shall be maintained in good operation condition and shall be operated in a manner to minimize emission of air contaminants into the atmosphere. [District Rule 4102]
  11. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201, Kern County Rules 404 and 404.1, District Rule 4202 and Kern County Rule 405. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
  12. Dust collector filters shall be inspected quarterly while in operation for evidence of particulate matter breakthrough and replaced as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
  13. Dust collector filters shall be inspected annually while not in operation for tears, scuffs, abrasions or holes which might interfere with the PM collection efficiency and shall be replaced as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
  14. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
  15. The exhaust vented to the atmosphere shall be inspected annually while in operation for visible emissions and the results shall be recorded and made available for District inspection upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

**Initial TV Permit**

**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** S-2076-16-2

**EXPIRATION DATE:** 06/30/2004

**EQUIPMENT DESCRIPTION:**

FLOUR RECEIVING AND STORAGE OPERATION INCLUDING TRUCK LOADOUT, ENCLOSED PNEUMATIC TRANSFER SYSTEM, AND FOUR 26,280 GALLON STORAGE SILOS WITH SOCK FABRIC FILTERS

**PERMIT UNIT REQUIREMENTS**

- 
1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
  2. Pneumatic flour conveyor(s) and all transfer points shall be covered or fully enclosed during normal operation. [District NSR Rule], [Federally Enforceable Through Title V]
  3. Inspection hatches on conveying equipment shall remain closed at all times except as required for normal operating procedures. [District NSR Rule], [Federally Enforceable Through Title V]
  4. Flour loading shall not exceed 35,000 lb/hr, and particulate matter (PM-10) emission rate shall not exceed 0.01 gr/scf. [District NSR Rule and District Rule 4201], [Federally Enforceable Through Title V]
  5. If visible emissions from exhaust vents to the atmosphere exceed 5% opacity, compliance testing for Particulate Matter emissions shall be demonstrated by District-witnessed sample collection by an independent laboratory, and field data/official results shall be submitted within 30 days of collection. [District NSR Rule], [Federally Enforceable Through Title V]
  6. Permittee shall maintain daily records of amount of flour received, and such records shall be made available for District inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
  7. Material removed from dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 4102]
  8. All equipment shall be maintained in good operation condition and shall be operated in a manner to minimize emission of air contaminants into the atmosphere. [District Rule 4102]
  9. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201, Kern County Rules 404 and 404.1, District Rule 4202 and Kern County Rule 405. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
  10. Dust collector filters shall be inspected quarterly while in operation for evidence of particulate matter breakthrough and replaced as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
  11. Dust collector filters shall be inspected annually while not in operation for tears, scuffs, abrasions or holes which might interfere with the PM collection efficiency and shall be replaced as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
  12. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
  13. The exhaust vented to the atmosphere shall be inspected annually while in operation for visible emissions and the results shall be recorded and made available for District inspection upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

**Initial TV Permit**

**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** S-2076-17-2

**EXPIRATION DATE:** 06/30/2004

**EQUIPMENT DESCRIPTION:**  
21.1 MMBTU/HR BAKED LINE #1

## PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. Line shall be fired exclusively on PUC-regulated natural gas or propane. [District NSR Rule and District Rule 4801], [Federally Enforceable Through Title V]
3. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
4. Maximum particulate matter (PM-10) process emissions shall not exceed 0.19 lb/hr from the cooler. [District NSR Rule], [Federally Enforceable Through Title V]
5. Natural gas fired emissions from the oven shall not exceed the following: PM-10 - 0.012 lb/MMBtu; SOx (as SO<sub>2</sub>) - 0.001 lb/MMBtu; NOx (as NO<sub>2</sub>) - 0.100 lb/MMBtu; CO - 0.021 lb/MMBtu; VOC's - 0.005 lb/MMBtu. [District NSR Rule], [Federally Enforceable Through Title V]
6. Natural gas fired emissions from the primary dryer shall not exceed the following: PM-10 - 0.014 lb/MMBtu; SOx (as SO<sub>2</sub>) - 0.001 lb/MMBtu; NOx (as NO<sub>2</sub>) - 0.140 lb/MMBtu; CO - 0.035 lb/MMBtu; VOC's - 0.003 lb/MMBtu. [District NSR Rule], [Federally Enforceable Through Title V]
7. Natural gas fired emissions from the finishing dryer shall not exceed the following: PM-10 - 0.012 lb/MMBtu; SOx (as SO<sub>2</sub>) - 0.001 lb/MMBtu; NOx (as NO<sub>2</sub>) - 0.100 lb/MMBtu; CO - 0.021 lb/MMBtu; VOC's - 0.005 lb/MMBtu. [District NSR Rule], [Federally Enforceable Through Title V]
8. Propane fired emissions from the oven shall not exceed the following: PM-10 - 0.012 lb/MMBtu; SOx (as SO<sub>2</sub>) - 0.000 lb/MMBtu; NOx (as NO<sub>2</sub>) - 0.151 lb/MMBtu; CO - 0.021 lb/MMBtu; VOC's - 0.005 lb/MMBtu. [District NSR Rule], [Federally Enforceable Through Title V]
9. Propane fired emissions from the primary dryer shall not exceed the following: PM-10 - 0.014 lb/MMBtu; SOx (as SO<sub>2</sub>) - 0.000 lb/MMBtu; NOx (as NO<sub>2</sub>) - 0.205 lb/MMBtu; CO - 0.035 lb/MMBtu; VOC's - 0.003 lb/MMBtu. [District NSR Rule], [Federally Enforceable Through Title V]
10. Propane fired emissions from the finishing dryer shall not exceed the following: PM-10 - 0.012 lb/MMBtu; SOx (as SO<sub>2</sub>) - 0.000 lb/MMBtu; NOx (as NO<sub>2</sub>) - 0.151 lb/MMBtu; CO - 0.021 lb/MMBtu; VOC's - 0.005 lb/MMBtu. [District NSR Rule], [Federally Enforceable Through Title V]
11. Sampling facilities for source testing shall be provided in accordance with the provisions of Rule 1081 (Source Sampling) [District Rule 1081], [Federally Enforceable Through Title V]
12. Annual propane use shall not exceed 76,645 gallons per year [District NSR Rule], [Federally Enforceable Through Title V]
13. Permittee shall maintain daily records of type and volume of fuel burned, and such records shall be available for District inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
14. Compliance with the conditions in the Title V permit shall be deemed compliance with the following requirements: Rule 1081, 4201, 4801, Kern County Rule 108.1, 404, 404.1, and 407. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
15. Permittee shall maintain copies of natural gas bills which shall be made available for District inspection upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
16. Particulate Matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E = 3.59^{0.62} (P < 30 \text{ tons/hr})$  or  $E = 17.31^{0.16} (P > 30 \text{ tons/hr})$ . [District Rule 4202], [Federally Enforceable Through Title V]



**Initial TV Permit**  
**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** S-2076-18-2

**EXPIRATION DATE:** 06/30/2004

**EQUIPMENT DESCRIPTION:**  
26.0 MMBTU/HR BAKED LINE #2

## PERMIT UNIT REQUIREMENTS

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1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. Line shall be fired exclusively on PUC-regulated natural gas or propane. [District NSR Rule and District Rule 4801], [Federally Enforceable Through Title V]
3. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
4. Maximum Particulate Matter emissions shall not exceed 0.19 lbs/hr from the cooler. [District NSR Rule], [Federally Enforceable Through Title V]
5. Natural gas fired emissions from the oven shall not exceed the following: PM-10 - 0.014 lb/MMBtu; SOx (as SO<sub>2</sub>) - 0.001 lb/MMBtu; NOx (as NO<sub>2</sub>) - 0.140 lb/MMBtu; CO - 0.035 lb/MMBtu; VOC's - 0.003 lb/MMBtu. [District NSR Rule], [Federally Enforceable Through Title V]
6. Natural gas fired emissions from the finishing dryer shall not exceed the following: PM-10 - 0.012 lb/MMBtu; SOx(as SO<sub>2</sub>) - 0.001 lb/MMBtu; NOx (as NO<sub>2</sub>) - 0.100 lb/MMBtu; CO - 0.021 lb/MMBtu; VOC's - 0.005 lb/MMBtu. [District NSR Rule], [Federally Enforceable Through Title V]
7. Propane fired emissions from the oven shall not exceed the following: PM-10 - 0.012 lb/MMBtu; SOx(as SO<sub>2</sub>) - 0.000 lb/MMBtu; NOx (as NO<sub>2</sub>) - 0.210 lb/MMBtu; CO - 0.021 lb/MMBtu; VOC's - 0.005 lb/MMBtu. [District NSR Rule], [Federally Enforceable Through Title V]
8. Propane fired emissions from the finishing dryer shall not exceed the following: PM-10 - 0.012 lb/MMBtu; SOx(as SO<sub>2</sub>) - 0.000 lb/MMBtu; NOx (as NO<sub>2</sub>) - 0.151 lb/MMBtu; CO - 0.021 lb/MMBtu; VOC's - 0.005 lb/MMBtu. [District NSR Rule], [Federally Enforceable Through Title V]
9. Sampling facilities for source testing shall be provided in accordance with the provisions of Rule 1081 (Source Sampling) [District Rule 1081], [Federally Enforceable Through Title V]
10. Annual propane use shall not exceed 84,363 gallons per year [District NSR Rule], [Federally Enforceable Through Title V]
11. Permittee shall maintain daily records of type and volume of fuel burned, and such records shall be available for District inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
12. Compliance with the conditions in the Title V permit shall be deemed compliance with the following requirements: Rule 1081, 4201, 4202, 4801, Kern County Rule 108.1, 404, 404.1, 405, and 407. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
13. Particulate Matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E=3.59^{0.62}$  ( $P<30$  tons/hr) or  $E=17.31^{0.16}$  ( $P>30$  tons/hr). [District Rule 4202], [Federally Enforceable Through Title V]
14. Permittee shall maintain copies of natural gas bills which shall be made available for District inspection upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

**Initial TV Permit**  
**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** S-2076-19-4

**EXPIRATION DATE:** 06/30/2004

**EQUIPMENT DESCRIPTION:**

PRETZEL LINE #1 INCLUDING: 7.3 MMBTU/HR OVEN, 1.25 MMBTU/HR OVEN, AND 1.25 MMBTU/HR FINISHING OVEN

## **PERMIT UNIT REQUIREMENTS**

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1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. All burners shall be fired exclusively on PUC-regulated natural gas or propane. [District NSR Rule and District Rule 4801], [Federally Enforceable Through Title V]
3. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
4. Natural gas-fired emissions from ovens shall not exceed the following: PM-10 - 0.012 lb/MMBtu; SOx (as SO<sub>2</sub>) - 0.001 lb/MMBtu; NOx (as NO<sub>2</sub>) - 0.100 lb/MMBtu; CO - 0.021 lb/MMBtu; VOC - 0.005 lb/MMBtu. [District NSR Rule], [Federally Enforceable Through Title V]
5. Propane-fired emissions from ovens shall not exceed the following: PM-10 - 0.012 lb/MMBtu; SOx (as SO<sub>2</sub>) - 0.000 lb/MMBtu; NOx (as NO<sub>2</sub>) - 0.151 lb/MMBtu; CO - 0.021 lb/MMBtu; VOC - 0.005 lb/MMBtu. [District NSR Rule], [Federally Enforceable Through Title V]
6. Sampling facilities for source testing shall be provided in accordance with the provisions of Rule 1081 (Source Sampling). [District Rule 1081], [Federally Enforceable Through Title V]
7. Annual propane use shall not exceed 39,715 gallons per year. [District NSR Rule], [Federally Enforceable Through Title V]
8. Permittee shall maintain accurate records of dates and hours of propane use, and such records shall be available for District inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
9. PM-10 emissions from ambient air cooler shall not exceed 0.06 lbs/hr. [District NSR Rule], [Federally Enforceable Through Title V]
10. Compliance with the conditions in the Title V permit shall be deemed compliance with the following requirements: Rule 1081, 4201, 4202, 4801, Kern County Rule 108.1, 404, 404.1, 405, and 407. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
11. Particulate Matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E=3.59^{*}0.62$  ( $P<30$  tons/hr) or  $E=17.31^{*}0.16$  ( $P>30$  tons/hr). [District Rule 4202], [Federally Enforceable Through Title V]
12. Permittee shall maintain copies of natural gas bills which shall be made available for District inspection upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

**Initial TV Permit**

**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** S-2076-20-3

**EXPIRATION DATE:** 06/30/2004

**EQUIPMENT DESCRIPTION:**

PRETZEL LINE #2 WITH 7.3 MMBTU/HR OVEN

## **PERMIT UNIT REQUIREMENTS**

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1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. All burners shall be fired exclusively on PUC-regulated natural gas or propane. [District NSR Rule and District Rule 4801], [Federally Enforceable Through Title V]
3. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
4. Natural gas-fired emissions from the oven shall not exceed the following: PM-10 - 0.012 lb/MMBtu; SOx (as SO<sub>2</sub>) - 0.001 lb/MMBtu; NOx (as NO<sub>2</sub>) - 0.100 lb/MMBtu; CO - 0.021 lb/MMBtu; VOC - 0.005 lb/MMBtu. [District NSR Rule], [Federally Enforceable Through Title V]
5. Propane-fired emissions from the oven shall not exceed the following: PM-10 - 0.012 lb/MMBtu; SOx (as SO<sub>2</sub>) - 0.000 lb/MMBtu; NOx (as NO<sub>2</sub>) - 0.151 lb/MMBtu; CO - 0.021 lb/MMBtu; VOC - 0.005 lb/MMBtu. [District NSR Rule], [Federally Enforceable Through Title V]
6. Sampling facilities for source testing shall be provided in accordance with the provisions of Rule 1081 (Source Sampling). [District Rule 1081], [Federally Enforceable Through Title V]
7. Fuel use flowmeter shall be installed to measure daily fuel consumption of 7.3 MMBtu/hr oven. [District NSR Rule], [Federally Enforceable Through Title V]
8. Natural gas consumption of 7.3 MMBtu/hr oven shall not exceed 115,200 scf/day. [District NSR Rule], [Federally Enforceable Through Title V]
9. Propane consumption of 7.3 MMBtu/hr oven shall not exceed 1,245.6 gallons/day. [District NSR Rule], [Federally Enforceable Through Title V]
10. Annual propane use of 7.3 MMBtu/hr oven shall not exceed 17,438 gallons. [District NSR Rule], [Federally Enforceable Through Title V]
11. Permittee shall maintain daily records of type and volume of fuel burned, and such records shall be available for District inspection upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
12. Compliance with the conditions in the Title V permit shall be deemed compliance with the following requirements: Rule 1081, 4201, 4202, 4801, Kern County Rule 108.1. 404, 404.1, 405, and 407. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
13. Permittee shall maintain copies of natural gas bills which shall be made available for District inspection upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
14. Particulate Matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E=3.59^{0.62} (P<30 \text{ tons/hr})$  or  $E=17.31^{0.16} (P>30 \text{ tons/hr})$ . [District Rule 4202], [Federally Enforceable Through Title V]

**Initial TV Permit**

**San Joaquin Valley**  
**Air Pollution Control District**

**PERMIT UNIT:** S-2076-21-5

**EXPIRATION DATE:** 06/30/2004

**EQUIPMENT DESCRIPTION:**

10.7 MMBTU/HR TORTILLA CHIP LINE, INCLUDING: PRE-COOKER, 9.7 MMBTU/HR OVEN, FRYER, DE-OILER, 0.5 MMBTU/HR DRYER, 0.5 MMBTU/HR HEATED CONVEYOR, SEASONER, AND AIR COOLER

**PERMIT UNIT REQUIREMENTS**

1. De-oiler shall be served by Heat & Control oil mist eliminator (with minimum PM10 control efficiency of 50%), and air cooler shall be served by Heat & Control high velocity dust filters (with minimum PM10 control efficiency of 70%). [District NSR Rule], [Federally Enforceable Through Title V]
2. Visible emissions from seasoner shall not exceed 0% opacity to the atmosphere. [District NSR Rule], [Federally Enforceable Through Title V]
3. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
4. Tortilla chip production rate shall not exceed 3,300 lb/hr. [District NSR Rule], [Federally Enforceable Through Title V]
5. Only PUC-regulated natural gas with sulfur content not exceeding 0.2 gr/100 scf and propane with sulfur content not to exceed 15.4 gr/100 scf shall be used as fuel for oven and dryer. [District NSR Rule and District Rule 4801], [Federally Enforceable Through Title V]
6. Propane shall only be used as backup fuel during periods of non-voluntary natural gas curtailment. [District NSR Rule], [Federally Enforceable Through Title V]
7. Maximum propane consumption in dryer and oven shall not exceed 14,530 gallons per calendar quarter without prior District approval. [District NSR Rule], [Federally Enforceable Through Title V]
8. Particulate matter (PM10) emission rates shall not exceed the following: 0.40 lb/hr from fryer, 0.30 lb/hr from de-oiler, and 0.16 lb/hr from air cooler. [District NSR Rule], [Federally Enforceable Through Title V]
9. When fired on natural gas, emission rates from oven exhaust shall not exceed any of the following: PM10: 0.012 lb/MMBtu, NOx (as NO2): 0.058 lb/MMBtu, VOC: 0.005 lb/MMBtu or CO: 0.292 lb/MMBtu. [District NSR Rule], [Federally Enforceable Through Title V]
10. When fired on natural gas, emission rates from dryer exhaust shall not exceed any of the following: PM10: 0.012 lb/MMBtu, NOx (as NO2): 0.100 lb/MMBtu, VOC: 0.005 lb/MMBtu or CO: 0.021 lb/MMBtu. [District NSR Rule], [Federally Enforceable Through Title V]
11. When fired on propane, emission rates from oven exhaust shall not exceed any of the following: PM10: 0.012 lb/MMBtu, NOx (as NO2): 0.151 lb/MMBtu, VOC: 0.005 lb/MMBtu or CO: 0.021 lb/MMBtu. [District NSR Rule], [Federally Enforceable Through Title V]
12. When fired on propane, emission rates from dryer exhaust shall not exceed any of the following: PM10: 0.012 lb/MMBtu, NOx (as NO2): 0.151 lb/MMBtu, VOC: 0.005 lb/MMBtu or CO: 0.021 lb/MMBtu. [District NSR Rule], [Federally Enforceable Through Title V]
13. Sampling facilities for source testing shall be provided in accordance with the provisions of Rule 1081 (Source Sampling). [District Rule 1081], [Federally Enforceable Through Title V]
14. Source testing for NOx and CO shall be conducted within 60 days of startup, and not less than once every 12 months, except as provided below. [District NSR Rule], [Federally Enforceable Through Title V]
15. Source testing for NOx and CO shall be conducted not less than once every 36 months if compliance is demonstrated on two consecutive annual tests. [District NSR Rule], [Federally Enforceable Through Title V]
16. If permittee fails any test for NOx and CO when testing not less than once every 36 months, tests for NOx and CO shall performed not less than once every 12 months. [District NSR Rule], [Federally Enforceable Through Title V]
17. Source testing shall be performed by a District witnessed, or authorized, sample collection by an ARB certified testing laboratory. [District Rule 1081], [Federally Enforceable Through Title V]
18. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified 30 days prior to any compliance source test, and a source test plan must be submitted for approval 15 days prior to testing. [District Rule 1081], [Federally Enforceable Through Title V]
19. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081], [Federally Enforceable Through Title V]

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20. The following test methods shall be used: NOx (ppmv) - EPA Method 7E or ARB Method 100, NOx (lb/MMBtu) - EPA Method 19, CO (ppmv) - EPA Method 10 or ARB Method 100, and stack gas oxygen - EPA Method 3 or 3A or ARB Method 100. [District Rule 1081, District NSR Rule], [Federally Enforceable Through Title V]
21. Permittee shall maintain accurate records of propane consumption (in gal/yr), and such records shall be made readily available for District inspection upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
22. Compliance with the conditions in the Title V permit shall be deemed compliance with the following requirements: Rule 1081, 4201, 4801, Kern County Rule 108.1, 404, 404.1, and 407. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
23. Particulate Matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation  $E=3.59^{0.62}$  ( $P<30$  tons/hr) or  $E=17.31^{0.16}$  ( $P>30$  tons/hr). [District Rule 4202], [Federally Enforceable Through Title V]
24. Permittee shall maintain copies of natural gas bills which shall be made available for District inspection upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
25. The exhaust vented to the atmosphere shall be inspected quarterly while in operation for visible emissions and the results shall be recorded and made available for District inspection upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
26. Permittee shall maintain daily records of tortilla chip production and shall make such records available for district inspection upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

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